



03/30/01

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PTO/SB/05 (4/98)

Approved for use through 09/30/2000 OMB 0651-0032
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 500.39944X00

First Inventor or Application Identifier Yoshiko MATSUMOTO

Title See 1 in Addendum

Express Mail Label No. _____

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Specification [Total Pages 38]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

3. Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

4. Oath or Declaration [Total Pages _____]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 C.F.R. § 1.63(d))
 (for continuation/divisional with Box 16 completed)
 i. DELETION OF INVENTOR(S)
 Signed statement attached deleting
 inventor(s) named in the prior application,
 see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. Computer Readable Copy
 b. Paper Copy (identical to computer copy)
 c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
 8. 37 C.F.R. § 3.73(b) Statement Power of
 (when there is an assignee) Attorney
 9. English Translation Document (if applicable)
 10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
 11. Preliminary Amendment
 12. Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
 * Small Entity Statement(s) Statement filed in prior application
 13. (PTO/SB/09-12) Status still proper and desired
 14. Certified Copy of Priority Document(s)
 (if foreign priority is claimed)
 15. Other: See 2 in Addendum

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

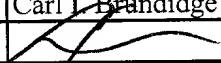
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	020457	or <input type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)
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Name				
Address				
City	State		Zip Code	
Country	Telephone			Fax

Name (Print/Type)	Carl L. Brandridge	Registration No. (Attorney/Agent)	29,621
Signature			
Date	March 30, 2001		

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

 11033 U.S.P.T.O.
03/30/01

**Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal**

1. STORAGE SUBSYSTEM THAT CONNECTS FIBRE CHANNEL AND SUPPORTS ONLINE BACKUP
2. - Info. Discl. Sheet Under 37 CFR 1.56 w/refs.
 - Figs.1-14
 - Credit card payment form

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12
See 37 C.F.R. §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT (\$872.00)

Complete if Known

Application Number			
Filing Date	March 30, 2001		
First Named Inventor	Yoshiko MATSUMOTO		
Examiner Name			
Group / Art Unit			
Attorney Docket No.	500.39944X00		

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																			
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 01-2135</p> <p>Deposit Account Name Antonelli,Terry,Stout&Kraus,LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 Surcharge - late filing fee or oath</td><td>0.00</td></tr> <tr><td>127</td><td>50</td><td>227 Surcharge - late provisional filing fee or cover sheet</td><td>0.00</td></tr> <tr><td>139</td><td>130</td><td>139 Non-English specification</td><td>0.00</td></tr> <tr><td>147</td><td>2,520</td><td>147, 2,520 For filing a request for reexamination</td><td>0.00</td></tr> <tr><td>112</td><td>920*</td><td>112, 920* Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr> <tr><td>113</td><td>1,840*</td><td>113, 1,840* Requesting publication of SIR after Examiner action</td><td>0.00</td></tr> <tr><td>115</td><td>110</td><td>215 Extension for reply within first month</td><td>0.00</td></tr> <tr><td>116</td><td>380</td><td>216 Extension for reply within second month</td><td>0.00</td></tr> <tr><td>117</td><td>870</td><td>217 Extension for reply within third month</td><td>0.00</td></tr> <tr><td>118</td><td>1,360</td><td>218 Extension for reply within fourth month</td><td>0.00</td></tr> <tr><td>128</td><td>1,850</td><td>228 Extension for reply within fifth month</td><td>0.00</td></tr> <tr><td>119</td><td>300</td><td>219 Notice of Appeal</td><td>0.00</td></tr> <tr><td>120</td><td>300</td><td>220 Filing a brief in support of an appeal</td><td>0.00</td></tr> <tr><td>121</td><td>260</td><td>221 Request for oral hearing</td><td>0.00</td></tr> <tr><td>138</td><td>1,510</td><td>138, 1,510 Petition to institute a public use proceeding</td><td>0.00</td></tr> <tr><td>140</td><td>110</td><td>240 Petition to revive - unavoidable</td><td>0.00</td></tr> <tr><td>141</td><td>1,210</td><td>241 Petition to revive - unintentional</td><td>0.00</td></tr> <tr><td>142</td><td>1,210</td><td>242 Utility issue fee (or reissue)</td><td>0.00</td></tr> <tr><td>143</td><td>430</td><td>243 Design issue fee</td><td>0.00</td></tr> <tr><td>144</td><td>580</td><td>244 Plant issue fee</td><td>0.00</td></tr> <tr><td>122</td><td>130</td><td>122 Petitions to the Commissioner</td><td>0.00</td></tr> <tr><td>123</td><td>50</td><td>123 Petitions related to provisional applications</td><td>0.00</td></tr> <tr><td>126</td><td>240</td><td>126 Submission of Information Disclosure Stmt</td><td>0.00</td></tr> <tr><td>581</td><td>40</td><td>581 Recording each patent assignment per property (times number of properties)</td><td>0.00</td></tr> <tr><td>146</td><td>690</td><td>246 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr> <tr><td>149</td><td>690</td><td>249 For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4">SUBTOTAL (1) (\$ 710.00)</td> <td colspan="4">SUBTOTAL (3) (\$ 0.00)</td> </tr> <tr> <td colspan="4">* Reduced by Basic Filing Fee Paid</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 Surcharge - late filing fee or oath	0.00	127	50	227 Surcharge - late provisional filing fee or cover sheet	0.00	139	130	139 Non-English specification	0.00	147	2,520	147, 2,520 For filing a request for reexamination	0.00	112	920*	112, 920* Requesting publication of SIR prior to Examiner action	0.00	113	1,840*	113, 1,840* Requesting publication of SIR after Examiner action	0.00	115	110	215 Extension for reply within first month	0.00	116	380	216 Extension for reply within second month	0.00	117	870	217 Extension for reply within third month	0.00	118	1,360	218 Extension for reply within fourth month	0.00	128	1,850	228 Extension for reply within fifth month	0.00	119	300	219 Notice of Appeal	0.00	120	300	220 Filing a brief in support of an appeal	0.00	121	260	221 Request for oral hearing	0.00	138	1,510	138, 1,510 Petition to institute a public use proceeding	0.00	140	110	240 Petition to revive - unavoidable	0.00	141	1,210	241 Petition to revive - unintentional	0.00	142	1,210	242 Utility issue fee (or reissue)	0.00	143	430	243 Design issue fee	0.00	144	580	244 Plant issue fee	0.00	122	130	122 Petitions to the Commissioner	0.00	123	50	123 Petitions related to provisional applications	0.00	126	240	126 Submission of Information Disclosure Stmt	0.00	581	40	581 Recording each patent assignment per property (times number of properties)	0.00	146	690	246 Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149	690	249 For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (1) (\$ 710.00)				SUBTOTAL (3) (\$ 0.00)				* Reduced by Basic Filing Fee Paid			
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Name (Print/Type) <i>Carl J. Brundidge</i>	Registration No. (Attorney/Agent) 29,621	Telephone																																																																																																																																					
Signature <i>[Signature]</i>	Date March 30, 2001																																																																																																																																						

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